

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1014	(210/435).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:20
L2	1	("20060219622").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:37
L3	684	(210/323.1).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:39
L4	1514	(210/456).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:40
L5	6683	(210/435,323.1,456,440,443,446,320,186).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:40

L6	496	5 and (housing same (planar or flat))	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/21 15:41
S2	661	(210/435).CCL.S.	USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 09:52
S3	7	("4311587"   "4488961"   "4738668"   "5252222"   "5258127"   "5439587"   "5622626").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 14:30
S4	10	("3803810"   "4294594"   "4906260"   "5015388"   "5252222"   "D237837"   "D305150"   "D312695"   "D361130").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 14:38
S5	1409	(210/456).CCL.S.	USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 09:52
S6	994	(210/456).CCL.S.	USPAT	OR	OFF	2007/11/19 11:30
S7	707	(210/446).CCL.S.	USPAT	OR	OFF	2007/11/19 09:52
S8	6	("3695438"   "4011848"   "4971689"   "5078167"   "5275203"   "5433241").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 10:16
S9	20	("3712033"   "3765536"   "3765537"   "3815754"   "3869392"   "4014797"   "4133661"   "4163721"   "4165287"   "4187182"   "5376270"   "D234721"   "D235035"   "D238456"   "D247252"   "D260175"   "D267117").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 10:30

S10	0	("20060219622").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 10:31
S11	1	("20060219622").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 10:31
S12	18	("4165287").URPN.	USPAT	OR	OFF	2007/11/19 11:29
S13	11	("2816152"   "3773144"   "3784011"   "4136011"   "4264443"   "4352737"   "5049274"   "5292432"   "6013179"   "6143169").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 13:49
S14	0	("("2306984"   "20020017485"   "5451273").PN.")).PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 13:49
S15	5	("2306984"   "20020017485"   "5451273").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 13:49
S16	3	("2306984"   "20020017485"   "5451273").PN.	US- PGPUB; USPAT	OR	OFF	2007/11/19 13:49
S17	19	("3712033"   "3765536"   "3765537"   "3815754"   "3869392"   "4014797"   "4133661"   "4163721"   "4165287"   "4187182"   "D234721"   "D235035"   "D238456"   "D247252"   "D260175"   "D267117").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:34
S18	661	(210/435).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 14:34

S19	24	S18 and baffle	USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/19 14:35
S20	22	("0097160"   "0135222"   "0210196"   "0770129"   "0858306"   "0989965"   "1503118"   "1817376"   "1896310"   "2166279"   "4224701"   "4949406").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:43
S21	1418	(210/456).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/13 10:33
S22	1003	(210/456).CCLS.	USPAT	OR	OFF	2008/05/13 10:33
S23	83	"210"/\$.ccls. and (oil adj filter) same flat same housing	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/13 11:27
S24	1050	(210/446).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/13 11:39
S25	707	(210/446).CCLS.	USPAT	OR	OFF	2008/05/13 11:39
S26	454	(210/433.1).CCLS.	USPAT	OR	OFF	2008/05/13 13:02
S27	7	("4311587"   "4488961"   "4738668"   "5252222"   "5258127"   "5439587"   "5622626").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/05/13 13:04
S28	899	(210/440).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/13 13:26
S29	649	(210/433.1).CCLS.	USPAT; USOCR	OR	OFF	2008/05/13 13:32

S30	22	S29 and baffle	USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/13 13:32
S31	1	("2565445").URPN.	USPAT	OR	OFF	2008/05/13 13:56
S32	1	("20070227964").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/14 09:01
S33	1052	(210/446).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/24 15:26
S34	1421	(210/456).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/24 15:28
S35	26	S34 and filter same (flat or planar or square or rectangular \$3) same baffle	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/24 15:28
S36	2	("2477716").URPN.	USPAT	OR	OFF	2008/09/24 15:36
S37	1501	(210/456).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 14:02
S38	1435	(210/456).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 14:03
S39	41	("0729693"   "2420414"   "2600150"   "3109809"   "3276594"   "3291314"   "3648842"   "4246122"   "4302333"   "4526688"   "4851136"   "4902420"   "5030345"   "5100551"   "5174896").PN. OR ("5620599"). URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 15:31

S40	10	"2665009"   "3929648"   "4024991"   "4113627"   "5049272"   "5173192"   "5240620"   "5688397"   "6485644").PN. OR ("7510088").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 15:37
S41	371	(210/320).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 15:51
S42	0	210/\$.ccls. and (filter same insert same grooves)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 16:02
S43	90	"210"/\$.ccls. and (filter same insert same grooves)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 16:02
S44	433	"210"/\$.ccls. and (filter same cassette)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/05/06 16:05
S45	1134	(210/446).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 16:08
S46	1	("5620599").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/06 16:30

S47	917	(210/440).CCL.S.	USPAT; USOCR; EPO, JPO	OR	OFF	2010/05/07 11:25
S48	766	"210"/\$.ccls. and ((inclin\$5 or angle\$2 or taper\$3 or slop\$3) same ((end adj cap) or encap))	US- PGPUB; USPAT; USOCR; EPO, JPO	OR	ON	2010/05/07 11:29
S49	43	"1195983"   "2563548"   "2593293"   "2672984"   "3000505"   "3194401"   "3281513"   "3367507"   "3397518"   "3397786"   "3506475"   "3591004"   "4418662"   "4969994"   "5066391"   "5084162"   "5171430"   "5391212"   "5569373"   "5584987"   "5795361"   "5817232"   "5830371"   "6068763"   "6165242"   "6387259"   "6488848"   "6568539"   "6579448"   "6595372"   "6824581"   "6911141").PN. OR ("7435341").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/07 11:38
S50	62	"3112262"   "3722696"   "3771660"   "3814258"   "4028253"   "4139469"   "4289583"   "4375409"   "4505816"   "4592839"   "4634527"   "4824564"   "5078864"   "5108604"   "5141637"   "5221473").PN. OR ("5304312").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/07 11:46
S51	277	210/440.ccls. and (drain or sump)	US- PGPUB; USPAT; USOCR; EPO, JPO	OR	ON	2010/05/07 11:52
S52	70	210/440.ccls. and (sensor or sens\$3)	US- PGPUB; USPAT; USOCR; EPO, JPO	OR	OFF	2010/05/07 12:05

S53	421	"210"/\$.ccls. and (water same sensor same temperature same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:11
S54	161	"210"/\$.ccls. and (water same level same sensor same temperature same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:11
S55	161	"210"/\$.ccls. and (water same level same sensor same temperature same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:24
S56	482	(210/186).CCL.S.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:29
S57	828	(210/175).CCL.S.	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:31
S58	4	210/440-447.ccls. and (sensor same level same temperature same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/05/07 12:39
S59	124	210/440-447.ccls. and (sensor)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:42



S60	148	210/440-447.ccls. and (guide same housing)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/05/07 12:49
S61	35	210/440-447.ccls. and (insert same housing same (rail\$1 track\$1 groove\$1))	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/05/07 12:57
S62	14	210/440-447.ccls. and (guide same rail)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/05/07 13:00
S63	12	("20010023843"   "20040211717"   "2229850"   "2354272"   "3982406"   "4915831"   "5083442"   "5135645"   "5320752"   "5707518").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/07 13:04
S64	80	("2567062"   "2622738"   "3122501"   "3146606"   "3982406"   "4172798"   "4502956"   "4529866"   "4556484"   "4561979"   "4571953"   "4580542"   "4615799"   "4764275"   "4808302"   "4815497"   "4830223"   "4839037"   "4859320"   "4866250"   "4915831"   "5013434"   "5049269"   "5083442"   "5122272"   "5133858"   "5135645"   "5143575"   "5171430"   "5200067"   "5269154"   "5290442"   "5336406"   "5445734"   "5454944"   "5490547"   "5502978").PN. OR ("5707518").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/05/07 13:07
S65	6916	"210"/\$.ccls. and (housing casing shell) same (flat square box rectang\$5)	USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/13 13:39
S66	885	(210/455).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/13 13:39

S67	111	S66 and (housing casing shell) same (flat square box rectang\$5)	USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/13 13:39
S68	714	(210/435).CCL.S.	USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/13 13:45
S69	99	S68 and (housing casing shell) same (flat square box rectang\$5)	USPAT; USOCR; EPO; JPO	OR	OFF	2011/04/13 13:45
S70	9	S66 and (housing same different same shape)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2011/04/13 13:49
S71	0	210//\$.ccls. and (housing same different same shape)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2011/04/13 13:50
S72	628	"210"/\$.ccls. and (housing same different same shape)	US- PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2011/04/13 13:50
S73	166	"210"/\$.ccls. and (housing same different same shape)	US-PGPUB	OR	ON	2011/04/13 13:51

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	4742	(210/435,323.1,456,440,443,446,320,186).CCL.S.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/04/21 15:41

L8	379	7 and (housing same (planar or flat))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/04/21 15:42
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